



MEMORANDUM

To: Robert Kasuba
Active Acquisitions

From: John J. Jahr, PTP, TSOS
Principal
Bright View Engineering

Date: July 21, 2022

Re: Site Trip Distribution
Chesterfield Township
BVE Project No.: 203112c

Bright View Engineering, LLC (*BVE herein*) was tasked with performing an analysis of the site trip distribution along the intersections located within Chesterfield Township. A diagram of the site trip distribution can be found attached to this memorandum. The figure shows the anticipated site traffic volumes through each intersection in the geographic vicinity of the proposed project.

The proposed site is located on the south of Old York Road (CR 660), east of US Route 206. distribution and generation for the site were calculated based upon *Institute of Transportation Engineers* (ITE) accepted design standards, applicable Township ordinances and the naturally occurring traffic patterns observed during the data collection period.

Based on the Traffic Impact Study (*dated April 27, 2021*) for the Proposed Warehouse Development located on Block 701, Lot 2.01 in Chesterfield Township and Block 1, Lot 5.02 in Mansfield Township, the following passenger car distribution based on the gravity model was identified for new trips entering and exiting the proposed site.

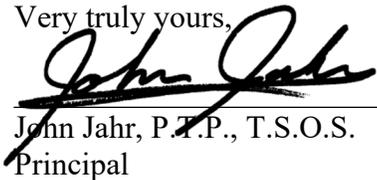
To/From US Route 206 to the North	63.1%
To/From US Route 206 to the South	20.3%
To/From Georgetown Road to the North	3.2%
To/From Georgetown Road to the South	5.1%
To/From Old York Road to the East	8.3%

The attached Site Trip Distribution Diagram illustrates approximately 13.4% of the site trips to/from Georgetown Road to the South and Old York Road to the East utilizing intersections located within the Chesterfield Township. The distribution was determined based on the gravity model presented within the Traffic Impact Study.



Should you have any questions or require additional information please do not hesitate to contact us at (732) 236-7557.

Very truly yours,

A handwritten signature in black ink that reads "John Jahr". The signature is written over a horizontal line.

John Jahr, P.T.P., T.S.O.S.
Principal
Bright View Engineering, LLC
732-236-7557

JJJ/as

<https://bvengr.sharepoint.com/sites/bvengr/proj/203112c-seth-crosswicks-truck-study/7-Reports-Analysis-counts/site-trip-dist-memo.docx>